

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: :

A. TROYA et al.: Intl. Application No.: **PCT/EP03/11193**Serial No.: **10/530,595**: Intl. Filing Date: **October 09, 2003**Filed: **April 07, 2005**: Priority Date: **October 11, 2002**For: ***Multiplex signal error correction method and device***

Commissioner for Patents
Mail Stop PCT
ATTENTION: EO/US
P.O. Box 1450
Alexandria, VA 22313-1450

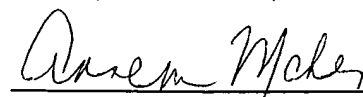
INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants submit herewith references of which they are aware, which they believe may be material to the examination of this application and in respect of which they may have a duty to disclose in accordance with 37 CFR §1.56.

While this Information Disclosure Statement (IDS) may be "material" pursuant to 37 CFR §1.56(b), it is not intended to constitute an admission that any document referred to herein is "prior art" for this invention unless specifically designated as such.

I hereby certify that this correspondence is being deposited with the United States Postal Service on this date, July 12, 2005, in an envelope with sufficient postage as first-class mail addressed to the Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Annemarie Maher

In accordance with 37 CFR §1.97(g), the filing of this IDS shall not be construed to mean that a search has been made or that no other material information as defined under 37 CFR §1.56(a) exists.

Enclosed is an International Search Report dated March 01, 2004 issued in International Patent Application No. PCT/EP03/11193 (filed on October 09, 2003), from which the present application has entered the US national phase. Also enclosed is a German Patent Office Search Report dated June 11, 2003 issued in German Patent Application No. 102 48 507.0-42 (filed on October 11, 2002), from which the present application claims priority. Further, enclosed is a Form PTO-1449 listing the cited references. Copies of the cited non-US references are also enclosed herewith (pursuant to the waiver of the USPTO requirement to submit copies of US references).

The relevance of each reference is specifically explained in either the International Search Report, the German Patent Office Search Report or the application specification, and the abstract of each reference provides a concise explanation thereof.

This IDS is being submitted prior to receipt of a first Official Action in this matter; therefore, the undersigned respectfully submits that no fee is due for filing this IDS. If any fee is due, the Commissioner is hereby authorized to charge to deposit account 23-0442 any fee deficiency required to submit this IDS.

Respectfully submitted,



James A. Retter
Attorney for the Applicant
Registration No. 41,266

Dated: July 12, 2005

WARE, FRESSOLA, VAN DER SLUYS
& ADOLPHSON LLP
Bradford Green, Building Five
755 Main Street, P.O. Box 224
Monroe, Connecticut 06468
Telephone: (203) 261-1234
Facsimile: (203) 261-5676
USPTO Customer No. 004955

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT			ATTY DOCKET NO. 536-009.022		SERIAL NO. 10/530,595		
			APPLICANT: A. TROYA et al.				
			FILING DATE: April 07, 2005		ART UNIT: To Be Assigned		
UNITED STATES PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	INVENTOR/ASSIGNEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		2002/0014597	Feb. 07, 2002	<i>Koh et al.</i>			
		2003/0185147	Oct. 02, 2003	<i>Taga et al.</i>			
		2003/0228747	Dec. 11, 2003	<i>Ahn et al.</i>			
		2003/0119291	June 26, 2003	<i>Ahn et al.</i>			
		6,370,188	April 09, 2002	<i>Wu et al.</i>			
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		5,940,450	Aug. 17, 1999	<i>Koslov et al.</i>			
		6,438,173	Aug. 20, 2002	<i>Stantchev</i>			
		5,912,876	June 15, 1999	<i>H'mimy</i>			
		4,648,100	Mar. 03, 1987	<i>Mardirosian</i>			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
		0 838 928	April 29, 1998	EP			
		WO 99/56424	Nov. 04, 1999	PCT/WIPO			
		WO 01/20863	Mar. 22, 2001	PCT/WIPO			
		WO 97/41672	Nov. 06, 1997	PCT/WIPO			
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
	1	IEEE Std 802.11a-1999, supplement to IEEE standard for information technology, "Part 11: Wireless LAN medium access control (MAC) and physical layer (PHY) specifications - High speed physical layer in the 5 GHz band," XP-002269120, IEEE 1999.					
	2	M. Krstic et al., "Implementation of an IEEE 802.11a compliant low-power baseband processor," <i>Telsiks 2003</i> , Serbia and Montenegro, Nis, October 1-3, 2003, XP-002269119, pp. 97-100.					
	3	V. Mignone et al., "CD3-OFDM: A novel demodulation scheme for fixed and mobile receivers," <i>IEEE Transactions on Communications</i> , vol. 44, no. 9, September 1996, pp. 1144-1151.					
Examiner (To be assigned)				Date:			

FORM PTO-1449
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	4	P. Robertson et al., "Analysis of the effects of phase-noise in orthogonal frequency division multiplex (OFDM) systems," IEEE 1995, pp. 1652-1657.
	5	M. Speth et al., "Optimum receiver design for wireless broad-band systems using OFDM - Part I," <i>IEEE Transactions on Communications</i> , vol. 47, no. 11, November 1999, pp. 1668 - 1677.

Examiner (To be assigned)

Date: